BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Estimate Cost Rs. 800000.00

Name of Work: Detail Estimate for the work of Providing Signage boards in ward No- 01 of yelahanka Sub Division.

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	Providing and fixing ornamental name boards of size 2.10 X 0.50Mtrs and column of size 0.15 x 0.15 Mtrs of height 1.23 Mtrs of each board made of C C 1:1, 5:3 with necessary centrering and form work smooth finishing with reinforcement etc including fabrication charges painting concreting and transportation charges from manufacturing yard to the site of work all lead and lift loadiing and undloading and labour charges etc. complete as per the direction of the engineer incharge of the work								
	Quation Approved Rates in BBMP / Enclose Copy of approved rates	Each	11	1			11.00	6200.00	68200.00
2	Retro - Reflectorised Traffic Signs :- Providing and fixing of retro - reflectorised cautionary, mandatory and informatory sign as per IRC : 67 - 2001 made of high intensity grade micro prismatic HIP type IV sheeting fixed over alumium sheeting, 2mm thick firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 45cms x 45cm x 60cm, 60 cm below ground level as per approved drawing. The item includes earthwork excavation, Cement Concrete M-15 grade, 2 coats of approved colour synthetic enamel painting to the steel surface as per clauses, including curing cost of all materials, labour, loading, unloading, lead, lift, transporting etc., complete.(P.No.65, I.No.8.04 of NH SR 2009-10) Supported on a class B GI pipe 80mm outer dia, 3.50mtr long 60cm x 60cm square								

Specify Size and Correspondingly Rate
Page No. 179 item No. 24.2.6.2 of PWD SR for 2015-16

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
		Each							
		3605	1	140			140.00	4957.20	694008.00
	Basic Rate	4590.00							
	Area Weightage @ 8%	367.20							
	Total	4957.20							
3	KSRRB 300-1. Earth work excavation by manual means in Hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications. MORTH chapter 3. No. No. ~~138~~ 141 S Item No 19.2 SR2015-16	cum							
	Ornamental Boards		11	0.60	0.60	0.60	2.38		
							2.38	115.56	275.00
	Basic Rate	107.00							
	Area Weightage @ 8%	8.56							
	Total	115.56							
4	KSRB 100-1 Loading and unloading ofstone aggregates / sand/ kanker/ Moorum /soil KSRRB M100-1 Placing tipper at loading with front end loader dumpting turning for return trip excluding time for haulged and return trip complete as per specification item No 17.1 page 130 and KSRB M.100.4.1 costof haulage excluding loading and unloading MORTH to a distance of 4.00 K.M (Item No 17.4 Page 130 (SR 2015-16)	cum							
			Vide Item No. 3				2.38	85.60	203.00
	Basic Rate for loading and unloading	68.00							
	Basic Rate for Haulage upto 4.00 k.m =1.28 X 2.20 X 4	11.26							
		79.26							
	Area Weightage @ 8%	6.34							
	Total	85.60							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
5	KSRB- 4-1.5 : **Providing and laying in position plain cement concrete of nominal mix 1:2:4 using 20mm and down size** graded granite metal, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications, specification, No. KBS 4.1.4.2., No. 12/ Item No. 4.6/ PWD SR 2015-16	cum							
	Ornamental Boards		11	0.60	0.60	0.60	2.38		
							2.38	5490.72	13046.00
	Basic Rate	5084.00							
	Area Weightage @ 8%	406.72							
	Total	5490.72							
6	KSRRB 800-1: **painting two coats after filling the surface** with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specification MORTH chapter 8, No. 176, Item No. 24.1/ PWD SR 2015-16	sqm							
	Ornamental Boards		22	2.10		0.50	23.10		
	Columns Ornamental Boards		22	0.60		1.00	13.20		
							36.30	61.56	2235.00
	Basic Rate	57.00							
	Area Weightage @ 8%	4.56							
	Total	61.56							
7	KSRRB M800-9: **Painting new Kannada letter and figures of any shade with synthetic enamel paint block or any other approved** colour to give an even shade complete as per specification, ("ii) Hindi (Matras commas and the like not to be measured and paid for half letter shall be counted as half) MORTH specification No. 803, No. ~~176~~/ Item No. 24.9/ PWD SR 2015-16	cm							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			1	18000			18000		
							18000	0.76	13608.00
	Basic Rate	0.70							
	Area Weightage @ 8%	0.06							
	Total	0.76							
	1% of Quality control charges								8000
8	Miscellaneous charges								425.00
								Total	800000.00
(Rupees Eight Lakhs Only)									

CERTIFICATE

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per C.S.R. of 2015-16
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer

Assistant Executive Engineer
Yelahanka Sub Division
Bangalore-106

Executive Engineer
Yelahanka Division
Bangalore-64

Administrative Sanction for Rs. 8.00 lakhs (Eight Lakhs only)
is accorded under head P.1771
Registered as CE No. ..... Subject to conditions contained in enclosed memo No. EE/AA/139/15-16 Dt. 2-1-16

Executive Engineer

TECHNICALLY SANCTIONED FOR Rs. 8.00 lakhs
Rupees Eight Lakhs only
Under P.1771 — 15-16
Registered as CE ( ) No. ..... Subject to conditions contained in enclosed memo EE ( ) No. ...../G/ Dt. ..... Estimate A/ Sanctioned EE/TS/146/15-16 No. ..... Dated 2-1-16 Rs. 8.00 lakhs

Executive Engineer